



PATENT

L. Parker  
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#10/Pre  
And H.R.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Diab, et al. ) Group Art Unit 3736  
Appl. No. : 09/757,444 )  
Filed : January 9, 2001 )  
For : SIGNAL PROCESSING )  
APPARATUS AND METHOD )  
Examiner : Eric Winakur )

Preliminary Amendment

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

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Dear Sir:

Further to the Examiner's Interview, Applicants submit the following further Preliminary Amendment.

IN THE CLAIMS:

Please delete Claim 199 and replace the pending claims 41, 110-112, 171-172, 185-186, 194-98, and 200-201 with the following clean versions of amended claims 41, 110-112, 171-172, 185-186, 194-198 and 200-201. Attached hereto is a marked-up version of the changes made.

The attached page is captioned: Version With Markings to Show Changes Made.

41. (Twice Amended) A pulse oximeter comprising:

at least first and second light emitting devices;

at least one light detector configured to receive light attenuated by transmission through a body tissue with pulsing blood, the at least one light detector acquiring a first signal based on light from the first light emitting device comprising a first desired signal portion and a first undesired signal portion and a second signal based on light from the